

Attorney's Docket No. 5489P010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

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Like Patent Application of:

Wayne V. Sorin, et al.

Application No.: 10/040,526

Filed: December 28, 2001

For: ACOUSTO-OPTIC TUNABLE
APPARATUS HAVING A FIBER
BRAGG GRATING AND AN
OFFSET CORE

Assistant Commissioner for Patents
Washington, D.C. 20231

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Examiner: Not Yet Assigned
Art Unit: 2874

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on May 21, 2002

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Date

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Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being

submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

- X 37 C.F.R. §1.97(b).
- _____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- _____ A statement pursuant to 37 C.F.R. §1.97(e) or
- _____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
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- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 5-21-02

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Substitute for Form 1449A/PTO (Modified)

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

MAY 24 2002

Sheet

1

of

2

Attorney Docket Number

10/040,526

12/28/2001

Wayne V. Sorin

2874

Examiner Name

2874

1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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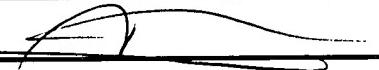
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Application Number	10/040,526
Filing Date	12/28/2001
First Named Inventor:	Wayne V. Sorin
Group Art Unit	
Examiner Name	

Sheet	2	of	2	Attorney Docket Number	5489P010
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OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
WPE JCL MAY 26 2002 PATENT & TRADEMARK OFFICE		B.Y. Kim, J. N. Blake, H.E. Engan, and H.J. Shaw, "Acousto-optic frequency-shifting in two-mode optical fibers," OFS '86, Tokyo, Japan (October 8-10, 1986).	
DR		D. Ostling and H.E. Engan, "Narrow-band acousto-optic tunable filtering in a two-mode fiber," Optics Letters, Vol. 20, No. 11, pp. 1247-1249 (June 1, 1995).	
DR		T.A. Birks, P.S.J. Russell, and C.N. Pannell, "Low power acousto-optic device based on a tapered single-mode fiber," IEEE Photonics Technology Lett., Vol. 6, No. 6, pp. 725-727 (June 1994).	
DR		H.S. Kim, et al., "All-fiber acousto-optic tunable notch filter with electronically controllable spectral profile," Optics Letters, Vol. 22, No. 19, pp. 1476-1478 (October 1, 1997).	
DR		I.K. Hwang, et al., "Long-Period Gratings based on Arch-induced Microbends," OECC '98, Chiba, Japan, pp. 144-145 (July 12-16, 1998).	
DR		B.Y. Kim, et al., "Fiber Based Acousto-Optic Filters," OFC/IOOC '99, San Diego, California, USA, pp. 199-201, Invited Paper (February 21-26, 1999).	
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DR		T.A. Birks, et al., "The acousto-optic effect in single-mode fiber tapers and couplers," Journal of Lightwave Technology, Vol. 14, No. 11, pp. 2519-2529 (November 1996).	
DR		D.W. Huang, et al., "Reflectivity-tunable fiber Bragg grating reflectors," IEEE Photonics Technology Letters, Vol. 12, No. 2, pp. 176-178 (February 2000).	
BW		W.F. Liu, et al., "100% efficient narrow-band acoustooptic tunable reflector using fiber Bragg grating," Journal of Lightwave Technology, Vol. 16, No. 11, pp. 2006-2009 (November 1998).	
DR		D.W. Huang, et al., "Q-Switched all-fiber laser with an acoustically modulated fiber attenuator," IEEE Photonics Technology Letters, Vol. 12, No. 9, pp. 1153-1155 (September 2000).	
DR			

Examiner Signature		Date Considered	4/13
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